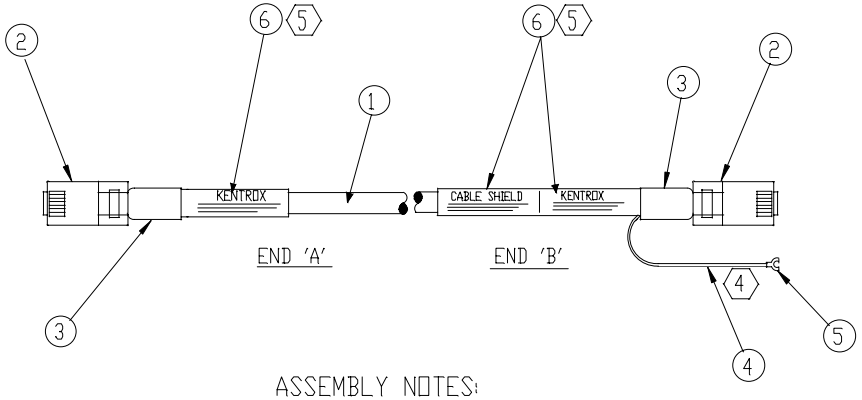
## LIST OF MATERIALS

| ITEM NO: | DESCRIPTION: | QTY: |
|---|---|---|
| 1 | CABLE, 2X2 PAIR, TWISTED, SHIELDED | AR |
| 2 | CONNECTOR, RJ, PLUG, UNKEYED, CRIMP, SOLID WIRE | 2 |
| 3 | SHRINK TUBING, UL 94-V2 OR BETTER | AR |
| 4 | SHRINK TUBING UL 94-V2 OR BETTER | AR |
| 5 | TERMINAL,FLANGE-SPADE,RED SLEEVE,UL & CSA RECOGNIZED, 90°C,600V | 1 |
| 6 | LABEL | AR |

□ THESE COMPONENTS MUST SATISFY REGULATORY AGENCY REQUIREMENTS FOR NETWORK INTERFACE.

## ⟨4⟩ PIN-OUT CHART

| BUNDLE: | WIRE PAIR: | COLORS: | FUNCTION | ITEM 2 CONTACT |
|---|---|---|---|---|
| XMT (BLUE) | 1 | WHITE/BLUE<br>BLUE/WHITE | TIP<br>RING | 5<br>4 |
| | 2 | WHITE/ORANGE<br>ORANGE/WHITE | | 6<br>3 |
| RCV (CLEAR) | 3 | WHITE/BLUE<br>BLUE/WHITE | | NOT CONNECTED |
| | 4 | WHITE/ORANGE<br>ORANGE/WHITE | TIP 1<br>RING 1 | 2<br>1 |
| DRAIN WIRES: | | | | END 'B' ONLY |




## ASSEMBLY NOTES:

⟨1⟩ STRIP CABLE JACKET BACK APPROX. 4.5 INCHES ON END 'B', AND APPROX. 1-1.5 INCHES ON END 'A'; TRIM WIRE PAIR 3 FLUSH WITH CABLE JACKET ON BOTH ENDS. TRIM DRAIN WIRES FLUSH ON END 'A'. DO NOT STRIP WIRE CONDUCTOR INSULATION ON EITHER END.

⟨2⟩ AT END 'A' APPLY SHRINKTUBING AS SHOWN; AT END 'B' TWIST DRAIN WIRES TOGETHER TO FORM A SINGLE WIRE AND COVER WITH SMALL DIAMETER SHRINKTUBING; THEN APPLY LARGER DIAMETER SHRINKTUBING AS SHOWN.

⟨3⟩ INSERT CABLE DRESSING WITH SHRINKTUBING JACKET APPROX. .30 WITHIN OPEN AREA AND DRESS WIRES INTO CONNECTOR HOUSING BOTH ENDS; MAKE SURE SHRINKTUBING EXTENDS INTO THE STRAIN RELIEF AREA OF THE CONNECTOR;CRIMP CABLE TO CONNECTOR; FLEX CABLE AND VERIFY ELECTRICAL CONTINUITY.

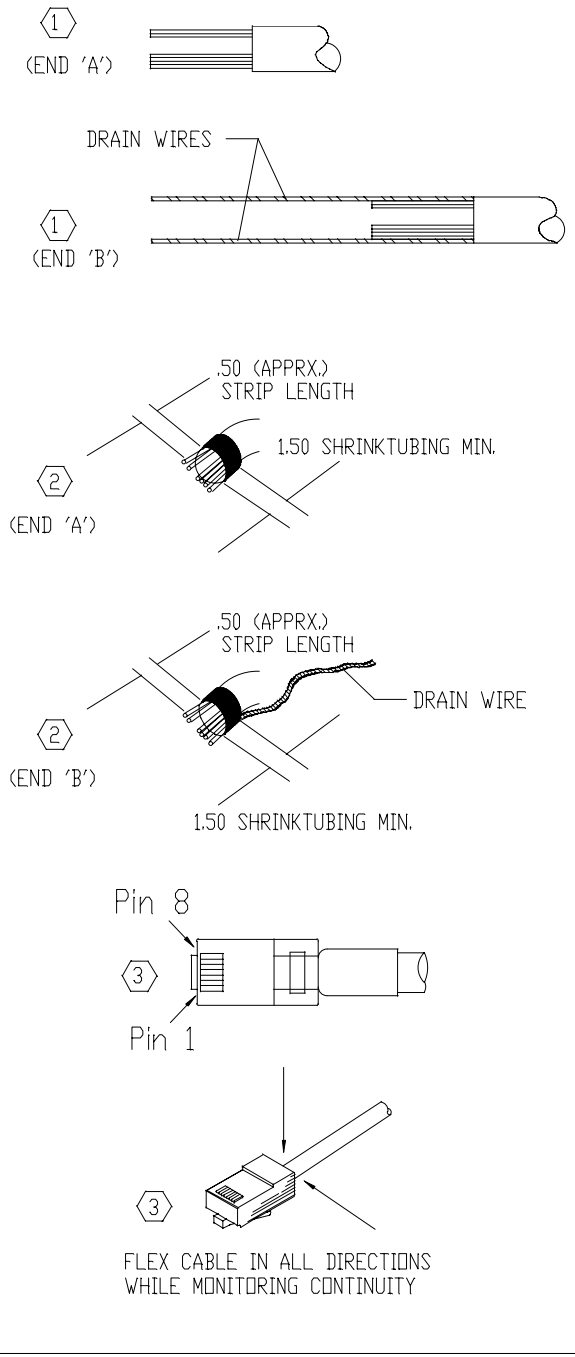
⟨4⟩ TERMINATE SPADE TERMINAL ITEM 5. DRAIN WIRE TO EXTEND 3.0 INCHES MIN. FROM WHERE IT EXITS THE LARGE SHRINKTUBING TO THE END OF THE SPADE TERMINAL.

⟨5⟩ (ENDS 'A' AND 'B'): PERMANENTLY MARK "KENTROX", KENTROX P/N AND REVISION, AND A DATE CODE ON LABEL OR USING OTHER PERMANENT MARKING SYSTEM. PRESSURE SENSITIVE LABELS SECURED BY ADHESIVE SHALL COMPLY WITH UL 969. THE DATE CODE MUST SPECIFY ASSEMBLY MANUFACTURER IDENTIFICATION AND THE DATE OF MANUFACTURE IN A CODED FORMAT TO BE DETERMINED BY THE ASSEMBLY MANUFACTURER. YEAR AND EITHER MONTH, WEEK, OR DAY OF MANUFACTURE MUST BE EMBEDDED IN THE DATE CODE.

(END 'B' ONLY): MARK THE FOLLOWING MESSAGE: "CABLE SHIELD GROUNDED AT THIS END ONLY" ON ADDITIONAL LABEL OR USING OTHER PERMANENT MARKING SYSTEM.

NOTE: This diagram and the information contained herein does not imply any warrantee or guarantee.

## ASSEMBLY ILLUSTRATION:




UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES:
3PLACE DECIMALS ± ---
2PLACE DECIMALS ± ---
ANGLES ± ---
FIRST USED ON:

ASSY NO: ----

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SHALL NOT BE DUPLICATED OR DISCLOSED WITHOUT THE WRITTEN PERMISSION OF KENTROX INC. BY ACCEPTING THIS DOCUMENT THE RECIPIENT AGREES TO MAKE EVERY EFFORT TO PREVENT UNAUTHORIZED USE OF THIS INFORMATION.

Kentrox, LLC
20010 NW Tanasbourne Drive
Hillsboro, Oregon 97124
Phone: (503) 643-1681

DRAWING TITLE:
CABLE, CSU, RJ - MALE SOLID

| SIZE | DRAWING NO. | REV. |
|---|---|---|
| C | 01-93XXX141 | N |

SCALE: NONE SHEET 1 OF 1